

What is claimed is:

1. A printing apparatus comprising:

5 first determining means for determining whether an interval between a transmission time of an externally transmitted first print job and a second print job transmitted after the first print job is within a predetermined time or not;

second determining means for determining whether the first print job and the second print job are the same or not;

10 and

confirmation information transmitting means for transmitting information for confirmation as to whether to execute the second print job or not to a transmitter of the second print job when the first determining means determines that the  
15 interval between the transmission times is within the predetermined time and the second determining means determines that the first print job and the second print job are the same.

2. A printing apparatus as claimed in claim 1, further  
20 comprising a storage device for storing therein predetermined information on the externally transmitted print job,

wherein the first determining means determines whether the interval between the transmission times is within the predetermined time or not based on the predetermined  
25 information, and the second determining means determines

whether the first print job and the second print job are the same or not based on the predetermined information.

3. A printing apparatus as claimed in claim 2, wherein the  
5 predetermined information includes a transmission time and a  
name of a transmitting user of the print job, the storage device  
includes a data table in which the transmission time and the  
name of the transmitting user are recorded so as to be associated  
with each other, the first determining means determines whether  
10 the interval between the transmission times is within the  
predetermined time or not based on the transmission time  
recorded in the data table, and the second determining means  
determines whether the first print job and the second print job  
are the same or not based on the name of the transmitting user  
15 recorded in the data table.

4. A printing apparatus as claimed in claim 2, wherein the  
predetermined information includes a transmission time and  
print data of the print job, the storage device includes a data  
20 table in which the transmission time and the print data are  
recorded so as to be associated with each other, the first  
determining means determines whether the interval between the  
transmission times is within the predetermined time or not based  
on the transmission time recorded in the data table, and the  
25 second determining means determines whether the first print job

and the second print job are the same or not based on the print data recorded in the data table.

5. A printing apparatus as claimed in claim 2, wherein the  
5 predetermined information includes a transmission time, a name  
of a transmitting user and print data of the print job, the  
storage device includes a data table in which the transmission  
time, the name of the transmitting user and the print data are  
recorded so as to be associated with each other, the first  
10 determining means determines whether the interval between the  
transmission times is within the predetermined time or not based  
on the transmission time recorded in the data table, and the  
second determining means determines whether the first print job  
and the second print job are the same or not based on the name  
15 of the transmitting user and the print data recorded in the data  
table.

6. A printing apparatus as claimed in claim 1, further  
comprising third determining means for determining whether a  
20 size of print data of the externally transmitted print job is  
larger than a predetermined size or not and calculating means  
for calculating a checksum of the print data when the third  
determining means determines that the size of the print data  
is larger than the predetermined size,

25 wherein the second determining means determines whether

the first print job and the second print job are the same or not based on the checksum calculated by the calculating means when the third determining means determines that the size of the print data is larger than the predetermined size.

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7. A printing apparatus as claimed in claim 1, further comprising stopping means for stopping the execution of the second print job in a case where an instruction to stop the execution of the second print job is transmitted from the transmitter when the information for confirmation as to whether to execute the second print job or not is transmitted by the confirmation information transmitting means.

8. A printing apparatus as claimed in claim 2, further comprising deleting means for deleting the predetermined information stored in the storage device when no next print job is transmitted within a preset time after the transmission of the print job.

9. A printing apparatus as claimed in claim 1, wherein the predetermined time is decided according to a value obtained by multiplying a size of print data of the print job by a predetermined coefficient.

10. A printing system comprising:

a data processing apparatus; and

a printing apparatus including:

first determining means for determining whether an interval between a transmission time of an externally transmitted first print job and a second print job transmitted  
5 after the first print job is within a predetermined time or not;

second determining means for determining whether the first print job and the second print job are the same or not; and

10 confirmation information transmitting means for transmitting information for confirmation as to whether to execute the second print job or not to a transmitter of the second print job when the first determining means determines that the interval between the transmission times is within the  
15 predetermined time and the second determining means determines that the first print job and the second print job are the same.

11. A printing system as claimed in claim 10, wherein the data processing apparatus comprises a display for displaying  
20 information for confirmation as to whether to execute the second print job or not when the data processing apparatus receives the information transmitted from the confirmation information transmitting means of the printing apparatus.

25 12. A printing system as claimed in claim 10, wherein the data

processing apparatus comprises a sound outputter for outputting  
sound for confirmation as to whether to execute the second print  
job or not when the data processing apparatus receives the  
information transmitted from the confirmation information  
5 transmitting means of the printing apparatus.

13. A method for controlling print jobs, the method  
comprising the steps of:

1) determining whether an interval between a transmission  
10 time of an externally transmitted first print job and a second  
print job transmitted after the first print job is within a  
predetermined time or not;

2) determining whether the first print job and the second  
print job are the same or not; and

15 3) transmitting information for confirmation as to  
whether to execute the second print job or not to a transmitter  
of the second print job when it is determined at the step 1 that  
the interval between the transmission times is within the  
predetermined time and it is determined at the step 2 that the  
20 first print job and the second print job are the same.

14. A method as claimed in claim 13, further comprising a step  
of storing predetermined information on the externally  
transmitted print job,

25 wherein the determination of the steps 1 and 2 are

performed based on the predetermined information.

15. A computer program product executable by a computer for  
controlling print jobs, the computer program product  
5 comprising:

first determining means for determining whether an  
interval between a transmission time of an externally  
transmitted first print job and a second print job transmitted  
after the first print job is within a predetermined time or not;

10 second determining means for determining whether the  
first print job and the second print job are the same or not;  
and

confirmation information transmitting means for  
transmitting information for confirmation as to whether to  
15 execute the second print job or not to a transmitter of the second  
print job when the first determining means determines that the  
interval between the transmission times is within the  
predetermined time and the second determining means determines  
that the first print job and the second print job are the same.

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16. A computer program product as claimed in claim 15, further  
comprising means for storing in a storage device predetermined  
information on the externally transmitting print job,

wherein the first determining means determines whether  
25 the interval between the transmission times is within the

predetermined time or not based on the predetermined information, and the second determining means determines whether the first print job and the second print job are the same or not based on the predetermined information.

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